

BE SERIES - 1/2 HP, 3/4 HP

APPLICATIONS

Dewatering, flood irrigation, livestock watering, and for pumping septic tanks to the leach field

FEATURES

- Higher than NEMA service factor dual compartment motor
- Designed for continuous duty
- Built-in check valve
- Handles solids up to 1/4" (6.4 mm) diameter
- 1-1/4" (31.75 mm) NPT discharge
- 120 °F (49 °C) liquid temperature rating
- CSA listed



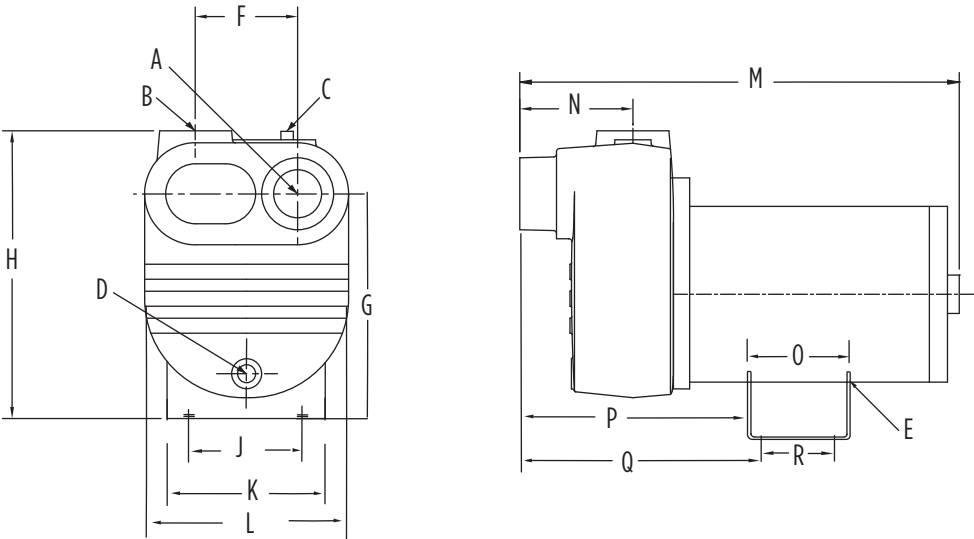
SERIES SPECIFICATIONS

HP	Volts	Hz	Amps		Watts	Gallon per minute (Liters per minute) @ Height								Shut-Off	PSI
			FLA	Start		20'	25'	30'	35'	40'	45'	50'			
1/2	115/230	60	8.4/4.2	42/21.60	810	45 (170)	39 (148)	31 (117)	24 (167)	16 (61)	8 (30)	–	50' (15.24 m)	21.6	
3/4	115/230	60	14.3/7.1	71.5/36.2	1000	58 (220)	53 (201)	44 (167)	36 (136)	29 (110)	18 (68)	10 (38)	56' (17.07 m)	23.8	

Item No.	Model	HP	Volts	Switch Type/Operation	Weight lbs (Kg)
621815	BE-S50	1/2	115/230	Manual	42 (19.05 Kg)
621825	BE-S75	3/4	115/230	Manual	49 (22.23 Kg)

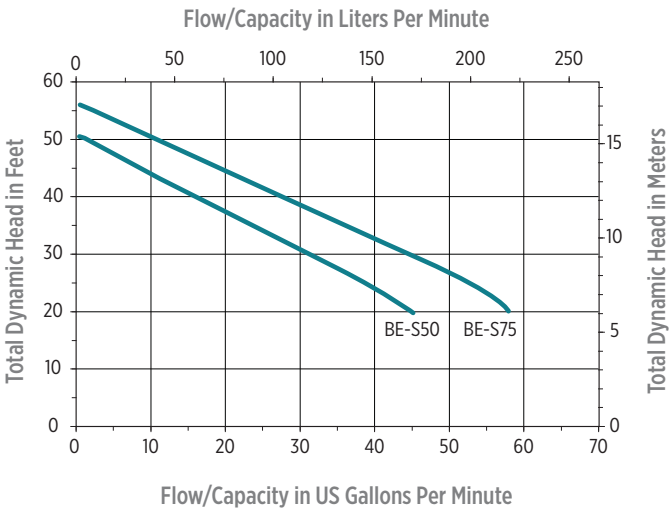
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ENGINEERING DATA



Model	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R
BE-S50	1-1/4" (3.18 cm)	1-1/4" (3.18 cm)	1/2" (1.27 cm)	1/2" (1.27 cm)	.43" x .93" (1.09 x 2.36 cm)	4.25" (10.8 cm)	7.25" (18.42 cm)	10" (25.4 cm)	4.9" (12.45 cm)	6.5" (16.51 cm)	7.6" (19.3 cm)	15.3" (38.86 cm)	3.1" (7.87 cm)	4.9" (12.45 cm)	5.5" (13.97 cm)	6.8" (17.27 cm)	3" (7.62 cm)
BE-S75	1-1/4" (3.18 cm)	1-1/4" (3.18 cm)	1/2" (1.27 cm)	1/2" (1.27 cm)	.43" x .93" (1.09 x 2.36 cm)	4.25" (10.8 cm)	7.25" (18.42 cm)	10" (25.4 cm)	4.9" (12.45 cm)	6.5" (16.51 cm)	7.6" (19.3 cm)	15.3" (38.86 cm)	3.1" (7.87 cm)	4.9" (12.45 cm)	5.5" (13.97 cm)	6.8" (17.27 cm)	3" (7.62 cm)

PERFORMANCE DATA



CONSTRUCTION

Motor Housing	Cast iron
Impeller Material	Cast iron
Impeller Type	Semi-open
Volute	Cast iron
Motor Shaft	Stainless steel
Shaft Seal	Carbon/ceramic
Fasteners	Plated steel
Bearings	Ball
Power Cord	None